

# VITAL STATISTICS SUMMARY

## GAHANNA CITY

May 2005

(Prepared by the Franklin County Board of Health)

### I. BIRTH DATA FOR THE PERIOD 1990 TO 2002

The following tables describe recent data for birth for the City of Gahanna and Franklin County. The birth statistics are given by total number of births, low birth weight newborns ( $\leq 2500$  grams), and very low birth weight newborns ( $\leq 1500$  grams – very low birth weight serves as an indicator of at-risk births). Rates are set at per 1,000 for live births, and per 100 for low and very low birth weights.\*\*

1990 to 2002 GAHANNA CITY BIRTHS						
Year	Sum Births	Rate for Total Births per 1,000 Population	Sum of Births $\leq 2500$ Grams	LBW Rate per 100 Live Births	Sum of Births $\leq 1500$ grams	VLBW Rate per 100 Live Births
1990	405	14.57	16	3.95	3	0.74
1991	414	14.64	17	4.11	3	0.72
1992	248	8.62	9	3.63	2	0.81
1993	332	11.35	10	3.01	2	0.60
1994	414	13.93	26	6.28	4	0.97
1995	520	17.21	18	3.46	2	0.38
1996	436	14.20	20	4.59	6	1.38
1997	473	15.17	23	4.86	5	1.06
1998	489	15.44	32	6.54	6	1.23
1999	493	15.33	41	8.32	7	1.42
2000	497	15.23	38	7.65	6	1.21
2001	399	12.13	20	5.01	2	0.50
2002	375	11.32	30	8.00	6	1.60
<b>Total</b>	<b>5,495</b>		<b>300</b>		<b>54</b>	

1990 to 2002 FRANKLIN COUNTY BIRTHS (FCBH ZONES)						
Year	Sum Births	Rate for Total Births per 1,000 Population	Sum of Births $\leq 2500$ Grams	LBW Rate per 100 Live Births	Sum of Births $\leq 1500$ grams	VLBW Rate per 100 Live Births
1990	16,752	17.36	1,468	8.76	246	1.47
1991	16,622	17.02	1,518	9.13	221	1.33
1992	16,889	16.92	1,519	8.99	233	1.38
1993	16,710	16.66	1,572	9.41	272	1.63
1994	16,635	16.51	1,526	9.17	241	1.45
1995	16,204	16.08	1,542	9.52	247	1.52
1996	16,027	15.83	1,581	9.86	265	1.65
1997	16,242	15.96	1,515	9.33	215	1.32
1998	16,626	16.28	1,563	9.40	249	1.50
1999	16,727	16.11	1,612	9.64	262	1.57
2000	17,761	16.61	1,786	10.06	291	1.64
2001	17,252	16.10	1,420	8.23	281	1.63
2002	17,013	15.59	1,530	8.99	323	1.90
<b>Total</b>	<b>217,460</b>		<b>20,152</b>		<b>3,346</b>	

\*\* Note that the setting of new births for year 2001 used geographical information system (GIS) technology for residential assignment. Accordingly, the rate comparison is slightly different from prior estimates of population (estimated at 0.56% change from self-reported residential assignment).

## II. 5 LEADING CAUSES OF DEATH FOR THE PERIOD 1997 TO 2002

The mortality statistics are given by the 5 leading causes of death per year for Franklin County. Causes of death are comparatively tracked to enable Health Department researchers to understand the fluctuation in the leading mortality factors between individual jurisdictions and the whole of Franklin County. Rates are set at per 100,000 population and are calculated as simple rates due to the small sample sizes ( $\leq 10$ ) per cell for some of the causes.\* Age-adjusted mortality statistics for the whole of Franklin County are available from the Health Department upon request.

MORTALITY STATISTICS FOR THE PERIOD 1997 TO 2002, GAHANNA & FRANKLIN COUNTY 5 LEADING CAUSES AND TOTAL BY CRUDE RATES (Crude Rates Used for Comparisons for Gahanna due to Very Small Sample Sizes for Some Causes)				
	Gahanna City		Franklin County	
Year & Cause	Sum	Rate	Sum	Rate
<b><u>1997</u></b>				
Heart Disease	49	157.1	2,244	233.4
Malignant Neoplasm	48	153.9	1,874	194.9
Cerebrovascular Diseases	8	25.7	602	62.6
Chronic Obstructionary Pulmonary Disease (COPD)	9	28.9	389	40.5
Diabetes Mellitus	12	38.5	331	34.4
<b>Total Deaths</b>	<b>162</b>	<b>519.5</b>	<b>7,769</b>	<b>808.1</b>
<b><u>1998</u></b>				
Heart Disease	43	135.8	2,261	235.2
Malignant Neoplasm	32	101.1	1,948	202.6
Cerebrovascular Diseases	13	41.1	575	59.8
Chronic Obstructionary Pulmonary Disease (COPD)	8	25.3	448	46.6
Flu and Pneumonia	4	12.6	278	28.9
<b>Total Deaths</b>	<b>156</b>	<b>492.6</b>	<b>7,972</b>	<b>829.2</b>
<b><u>1999</u></b>				
Heart Disease	60	186.6	2,406	234.1
Malignant Neoplasm	61	189.7	1,896	184.5
Cerebrovascular Disease	11	34.2	579	56.3
Chronic Lower Respiratory Disease	6	18.7	437	42.5
Diabetes Mellitus	7	21.8	280	27.2
<b>Total Deaths</b>	<b>203</b>	<b>631.4</b>	<b>8,233</b>	<b>801.0</b>
<b><u>2000</u></b>				
Disease of the Heart	49	150.1	2,113	197.7
Malignant Neoplasm	60	183.8	1,905	178.2
Cerebrovascular Disease	6	18.4	580	54.3
Chronic Lower Respiratory Disease	10	30.6	470	44.0
Diabetes Mellitus	5	15.3	273	25.5
<b>Total Deaths</b>	<b>190</b>	<b>582.2</b>	<b>8,097</b>	<b>757.5</b>
<b><u>2001</u></b>				
Disease of the Heart	48	146.0	2,105	192.3
Malignant Neoplasm	36	109.5	1,876	171.4
Cerebrovascular Disease	14	42.6	530	48.4
Chronic Lower Respiratory Disease	11	33.5	471	43.0
Diabetes Mellitus	8	24.3	330	30.1
<b>Total Deaths</b>	<b>182</b>	<b>553.5</b>	<b>8,118</b>	<b>741.7</b>
<b><u>2002</u></b>				
Disease of the Heart	44	132.8	2,073	189.4
Malignant Neoplasm	57	172.1	1,989	181.7
Cerebrovascular Disease	14	42.3	506	46.2
Chronic Lower Respiratory Disease	8	24.2	470	42.9
Diabetes Mellitus	5	15.1	177	16.2
<b>Total Deaths</b>	<b>204</b>	<b>615.8</b>	<b>8,349</b>	<b>762.8</b>

\* The number of cases from for the years 1997 and 1998 have been adjusted to account for new Federal Coding Schemes. Prior to the 1999 data, the Coding Scheme for mortality used ICD-9 Classifications for causes of Death. Starting in 1999, the Coding Scheme used for mortality is the ICD-10 Classifications. The data presented represents a conversion of the 1997 and 1998 classifications. A comparability ratio is used to adjust the tables.